

Equine Herpesvirus type 1 and 4 Discriminating Test

EHV1/EHV4-Ab

Equine Herpesvirus types 1 and 4 infect horses throughout the world. Infection by either virus is characterised by a primary respiratory tract disease of varying severity, related to age and immunological status of the infected animal. The nature of the infection differs between the two virus types. EHV4 is the major cause of respiratory disease in young horses while EHV1 is capable of causing more serious symptoms like abortion, prenatal foal death or neurological dysfunction. Both virus has a ubiquitous distribution and are of considerable economic importance to the equine industry. Since the polyclonal antibodies to EHV1 and EHV4 are highly cross-reactive, serological determinations of the infection caused by either of the two virus types has been difficult. The majority of clinically recovered horses remain infected for life. The animals may become chronic carriers of the disease, excreting the virus. Vaccines available today provide a mean of restricting the spread of the virus. However, they do not provide total protection, therefore diagnostics can be used as a tool to identify and isolate infected animals. Another field of application where EHV serology could be of importance is where vaccination of foals is practised in an attempt to protect foals from clinical disease and present infection. To predict when to initiate vaccination in such cases, it may be of importance to monitor the antibody status.

SVANOVIR® EHV1/EHV4-Ab ELISA is developed for the detection and/or discrimination of Equine Herpesvirus types 1 and 4 antibodies in equine serum.

Article No.:	10-3100-02
Kit format:	2-plate package size
No of tests:	64
No of samples:	58 (wells for kit controls excluded) for both EHV1 and EHV4

Application Area:	Diagnostics
	Screening/Confirmation
	Discrimination between EHV1 and EHV4
Characteristics:	Indirect ELISA